PROPOSED SITE DEVELOPMENT PLAN

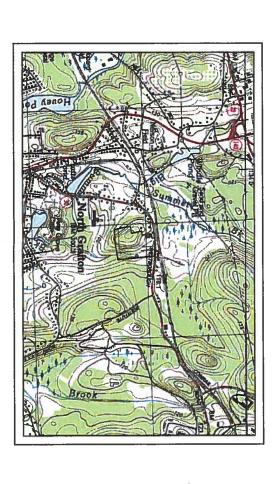
FOR

NEW BUILDING ADDITION

AT

88 WESTBOROUGH ROAD

NORTH GRAFTON, MASSACHUSETTS FEBRUARY 2016



OWNER / APPLICANT EQUIPMENT CARE CENTER OF GRAFTON 88 WESTBOROUGH ROAD NORTH GRAFTON, MA 01536 TEL. (508) 839—5000 FAX. (508) 839—7000

GENERAL CONTRACTOR R.P. MASIELLO, INC. 38 MAIN STREET P.O. BOX 742 BOYLSTON, MA 01505 TEL. (508) 869-6501

LOCUS PLAN

SCALE: 1"=800' ±

ENGINEER & SURVEYOR
WHITMAN & BINGHAM ASSOCIATES, LLC
510 MECHANIC STREET
LEOMINSTER, MA 01453
TEL. (978) 537-5296
FAX (978) 537-1423

WHITMAN & BINGHAM A S S O C I A T E S RECISTRED DIGNETES A LIND SURVEYORS

05/31/16

DESCRIPTION

RECEIVED

PLANNING BOARD GRAFTON, MA

APPROVED AS SUBMITTED
APPROVED WITH CONDITIONS
APPROVED WITH REVISIONS
GRAFTON PLANNING BOARD
DATE.

PLAN INDEX	
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4-L-952

- 1.) PROPERTY LINES SHOWN HEREON ARE COMPILED FROM PLANS OF RECORD.
- 2.) TOPOGRAPHY SHOWN ON THESE PLANS IS THE RESULT OF AN ON-THE-GROUND TOPOGRAPHIC SURVEY PERFORMED BY WHITMAN BINGHAM ASSOCIATES, LIC. DURING OCTOBER/NOVEMBER 2015. ANY ALTERATIONS TO THE TOPOGRAPHY AFTER THIS DATE MAY NOT REFLECTED ON THIS PLAN. ALL ELEVATIONS REFER TO AN ASSUMED DATUM. 照유
- 3.) UNLESS SPECIFIED OTHERWISE, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS D.P.W. SPECIFICATIONS OF HIGHWAYS AND BRIDGES AS LAST REVISED, THE TOWN OF GRAFTON PUBLIC WORKS DEPT. AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
- 4.)

 *** 0.1 G. S. A.F. E. N. O.T.E.*** IN ACCORDANCE MITH MOLICH BZ, SEC. 40 INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN MATTING, OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS.) OR CALL "DIG SAFE" AT 811.
- 5.) EXISTING UTILITY ELEVATIONS AND LOCATIONS SHOWN SHALL BE CONSIDERED BEPROXIMATE ONLY. ALL UTILITY ELEVATIONS AND LOCATIONS MUST BE VERRED BY THE CONTRACTIOR FROM TO THE COMMENCEMENT OF CONSTRUCTION. ANY UTILITIES WHETHER SHOWN LOCATIONS MUST BE VERRED FREPHERD FEFFLACED AS NECESSARY IF DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN ENGINEER AS SOON AS POSSIBLE.
- 6.) RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY, AT NO ADDITIONAL COST TO THE OWNER.
- 7.) ALL SLOPES UNLESS OTHERWISE SPECIFIED, SHALL BE LOAMED AND SEEDED AS SOON AS POSSIBLE FOR STABILIZATION AND TO PREVENT EROSION. SLOPES OF 2.5:1 AND STEEPER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.
- B) TEST PITS SHALL BE PERFORMED IN THE AREAS WHERE COOSSING EXISTING UTILITIES ITO BE PERFORMED PRIOR TO CONSTRUCTION TO VENETY UTILITY DEPTHS. ADDITIONAL TEST PITS IN OTHER AREAS MAY BE REQUIRED AS DIRECTED BY ENGINEER OR LOCAL APPROVING AUTHORITY. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER AT TIME OF TEST PITS.
- 9.) ADDITIONAL BENCHMARKS TO BE SET BY CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE QUALITY WORKMANSHIP.
- 10.) ANY DEVANTONS I.e. "FIELD CHANGES" ROM THE DESIGN PLANS MUST BE APPROVED BY THE DESIGN ENGINEER IN WRITING. CONTRACTOR SHOULD BE AWARE THAT LOCAL AND STATE MITHORITIES HAVE JURISDICTION AND APPROVALS MUST BE OBTAINED THROUGH THER RESPECTIVE OFFICE(S) PRIOR TO CONSTRUCTION. WHITMAN & BINGHAM ASSOCIATES, LIC ASSUMES NO LIABILITY OR RESPONSIBILITY WHATSOEVER FOR WORK COMPLETED WITHOUT REGARD TO THE ABOVE REQUIRED "FIELD CHANGE" PROCEDURE.
- 11.) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSURANCES THAT MAY BE REQUIRED ON THIS PROJECT, ALL ORREIS OF CONDITIONS, STREET OPENING REQUIREMENTS, AND DITHER REQUIREMENTS UNDER PERMITTING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 12.) DALY AND PROPER MANIFANNE OF ALL DITCHES AND EXCANATIONS ARE REQUIRED. TEMPORARY AND PERMANENT FAITCH PER SPECIFICATIONS AND THESE PLANS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, UNDER HA CHIECUMETANCES, ANY EXCANATION DITCH SHALL BE LEFT UNCOVERED, NOT PROPERLY PATCHED, LEFT NOT MANITANED OR IN IMPROPER SURFACE CONDITION. 13.) ANY SEDIMENT BASINS SHOULD RECEIVE PERIODIC MAINTENANCE TO REMOVE DEPOSITED SILTS AND DEBRIS TO INSURE PROPER DRAINAGE AND SETTLING OF PARTICULATE MATTER.
- 14.) ALL EXCESS MATERIALS I.E., SOIL, LEDGE, WATER, AND GENERAL DEBRIS, WILL BE REMOVED AND DISPOSED BY THE CONTRACTOR OFF SITE AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.

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			EDGE OF WOODS
			SILTATION BARRIER
			PROPOSED DRAIN GUARDRAIL
			PROPOSED SEWER
			PROPOSED WATER
•	SUBSURFACE TEST PIT		EXISTING BERM
4 Σ			EDGE OF PAVEMENT
ζŧ	GAS VALVE		UNDERGROUND TELEPHONE
d }	WATER SHUT OFF		FORCE MAIN
₹ ₹	WATER VALVE	H H H	UNDERGROUND ELECTRIC
Ħ ı	FIRE HYDRANT	E/c/TE/c/T	UNDERGROUND UTILITIES
Ą	FIDE ALLIEUT		GAS LINE
	CATCH BASIN		EXISTING WATER
Θ	TELEPHONE MANHOLE	E	
8	WATER MANHOLE		EXISTING DRAIN
6	EFEC INIC MAINTOFF	sss	EXISTING SEWER
9 6	ELECTRIC MANING E	1 1 1 1 1	100' BUFFER ZONE
•	DRAIN MANHOIF		EDGE OF WETLANDS
Ø	SEWER MANHOLE		PROPERTY LINES
		560	PROPOSED CONTOURS
		542	
			CAN LOCK

STONE WALL EXISTING FENCE

RCP - RENFORCED CONCRETE PIPE PVC - POLYVIN'L, CHLORIDE CMP - CORRUGATED METAL PIPE CONC. - CONCRETE AC - ASBESTOS CEMENT

VC - VITRIFIED CLAY

M - WROUGHT IRON

BSW - BITUMINOUS CONCRETE SIDEWALK

CSW - CONCRETE CEMENT SIDEWALK

ABBREVIATIONS

CEMENT LINED DUCTILE IRON

SGC -

BITUMINOUS CONCRETE CURB SLOPED GRANITE CURB VERTICAL FACE GRANITE CURB

CONSTRUCTION NOTES

1.) CONSTRUCTION ACTIVITY MAY TAKE PLACE ONLY DURING HOURS AS SPECIFIED BY THE APPROPRIATE OFFICIAL OF THE TOWN OF GRAFTON.

2.) CAUTION — NOTICE TO CONTRACTOR THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELECATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS DASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSBIE/ALEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCANATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH COMPLICE THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR NOT AT NO ADDITIONAL EXPENSE TO OWNER.

3.) FILL MATERIAL

- A) ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, AND DEBRIS PRIOR TO FILL PLACEMENT.

 B.) PLACE FILL MATERIAL IN HORIZONTAL LAYERS NOT EXCEEDING EIGHT INCHES (8") IN LOOSE DEPTH AND COMPACT EACH LAYER AT OPTIMIAM MOISTURE CONTENT OF FILL MATERIAL TO DENSITY EQUAL TO ORIGINAL ADJACENT GROUND, UNLESS SUBSEQUENT EXCAVATION FOR NEW WORK IS REQUIRED.

 C.) GRADE SUBFACE TO MATCH ADJACENT GRADES AND TO PROVIDE FLOW TO SURFACE DRAINAGE STRUCTURES AFTER FILL PLACEMENT AND COMPACTION.

 D.) ROADWAY FILL SHALL BE COMPACTED IN HORIZONTAL LAYERS NOT EXCEEDING 6" IN LOOSE DEPTH AND COMPACTION TO 98% OF THE MAXIMUM DRY DENSITY (STANDARD PROCTOR).

- 4.) FINISH GRADING: GRADE ALL AREAS WHERE FINISH GRADE ELEVATIONS ARE INDICATED ON DRAWNOS, OTHER THAN PAYED AREAS, AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS. GRADE AREAS SALL BE UNIFORM AND SMOOTH, FREE OF DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUB GRADE SURFACE SHALL NOT BE MORE THAN 0.10 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUB GRADE ELEVATIONS, AND ALL GROUND SURFACES SHALL VARY UNFORMLY BETWEEN INDICATED ELEVATIONS. FINISH DITCHES SHALL BE GRACED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL
- 5.) THE CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEANUP OF THE PROJECT ON A DAILY BASIS AND AT THE COMPLETION OF THE PROJECT, OPEN TRENCHES, DITCHES, EXCAVATIONS, ETC. SHALL NOT BE FERMITTED TO BE LEFT OPEN OVERNIGHT, CONTRACTOR WILL BACK FILL OR UNILIZED SUTFABLE STEEL PLATES FOR THE SECURING OF THE PROJECT SITE PRIOR TO CEASING WORK IN THAT PARTICULAR SECTION OF THE PROJECT.
- 6.) APPROPRIATE TRAFFIC CONTROL I.e. SIGNAGE, BARRICADES, AND OTHER MEANS WILL BE SUPPLIED BY THE CONTRACTOR AND ACCORDING TO ALL FEDERAL, STATE AND LOCAL AGENCIES AT NO ADDITIONAL COST TO OWNER.
- 7) INDER NO CIRCUMSTANCES MIL ANY UTILITY. STRUCTURE, OR REPAIR BE BACK FILED UNIESS. INSPECTED AND APROVED BY THE CITY OF WORCESTER OR ITS DESIGNATE. THIS WILL NOT RELEASE THE CONTRACTOR FROM ANY RESPONSIBILITY OR LIABILITY AS A RESULT OF PERFURMANCE TESTS THAT ARE REQUIRED AS PART OF THIS PROJECT.
- B) DUE TO THE POSSIBILITY OF DEEP TRENCHES, PROPER SHORING AND/OR THE USE OF TRENCH BOXES SHALL BE UTILIZED AS DIRECTED BY LOCAL, STATE, AND/OR FEDERAL REGULATORY AGENCIES TO PROVIDE FOR A SAFE WORKING ENVIRONMENT. TRENCH PERMITS ARE REQUIRED IN ACCORDANCE WITH 520 CMR 14-DO EXCAVATION AND TRENCH SAFETY.
- 9.) ALL UTILITIES SHOWN OR NOT SHOWN ON THE PLAN(S) WHICH ARE DISTURBED DURING CONSTRUCTION SHALL REPAIRED/REPLACED OR MOVED AS REQUIRED BY THE THE CONTRACTOR (SEE SITE WORK NOTE #2 AND GENERAL #5), AT NO ADDITIONAL COST TO THE OWNER.
- 10.) ALL DRAINAGE PIPE SHALL BE HDPE. UNLESS OTHERWISE SPECIFIED

- A) COMPLY WITH ALL LAWS, RULES, AND REGULTIONS OF FEDERAL, STATE, AND LOCAL AUTHORITES AND AND COMPLY WITH ALL LAWS, RULES, AND REGULTIONS OF FEDERAL, STATE, AND LOCAL AUTHORITES AND ANSURER WHICH GOVERN STORAGE, USE, MANUFACTURE, SALE, HANDLING, THANSPORTATION, LICENSING, OR OTHER DISPOSITION OF EXPLOSIVES. TAKE SPECIAL PRECALITIONS FOR PROPER USE OF EXPLOSIVES TO PRECALITIONS FOR PROPER USE OF EXPLOSIVES. TO UN CONDUCT BLASTING OPERATIONS UNTIL PERSONS IN VIOLITY HAVE HAD MAPE KNOTICE AND HAVE REACHED POSITIONS OF SAFETY.

 B.) BLASTING OF ANY ROCK SHALL REQUIRE APPROPALE APPROVALS FROM THE TOWN OF GRAFTON FIRE DEPARTMENT, PLANNING BOARD, BUILDING INSPECTOR AND/OR OTHER AGENCIES, PRIOR TO COMMENCEMENT OF WORK, FIRE DEPARTMENT, BLASTING MAY NEED TO BE MONITORED WITH A NINDEPENDENT, SUPERVISED SEISMOGRAPH.

 INDEPANDENTLY SUPERVISED SEISMOGRAPH.

 BLASTIC OR ON-SITE, AT NO ADDITIONAL COST TO THE OWNER.
- 12.) PROTECTIONS
 A) PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TREES OR VEGETATION.
- B.) PROTECT IMPROVEMENTS ON ADJOINING PROPERTIES AND ON OWNER'S PROPERTY.

 C.) RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL COODITION AS ACCEPTABLE TO FARTIES HAVING
 CURISDICTION.

 D.) CONDUCT OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER
 ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER
 ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS
 AND ROADWAYS SHALL BE THOROUGHEY CLEANED AND/OR SWEPT ON A DAILY BASIS OR MORE
 FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY.

RECORD OWNER: LAND US æ PROJECT TLC DATA

EQUIPMENT CARE CENTER OF 88 WESTBOROUGH ROAD N. GRAFTON, MA 01536 GRAFTON,

TOWN OF GRAFTON ASSESSORS MAP 12 BLOCK O LOT 12

DEED REFERENCES: BK. 37347 PG. 145

LAND AREAS: LOT AREA: 13.1±

OVERLAY DISTRICTS: A PORTION OF THE PROPERTY OVERLAY DISTRICT THE PROPERTY DOES NOT LIE REFERENCE FIRM MAP 25027(LIES THE 100 H NEAR FLOOD HAZARD JULY 4, 2011. WATER SUPPLY PROTECTION ZONE

50 SPACES	1:500 S.F.	24,575± S.F.	STRIAL AND WAREHOUSE
SPACES REQUIRED	PARKING FACTOR	GROSS	ŀ
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		10	MES AVAILABLE TO SITE:
	ER CLEAN/WASH OPERATION ARCHITECTURAL DRAWINGS	TRAILER CLEAN/W.	DING USE: DING CONSTRUCTION:
			DING DATA:
	χΞ	40%	X. BUILDING COVERAGE
	YES	35 FEET	X. BUILDING HEIGHT
	YES	35 FEET	I. REAR YARD
	YES	35 FEET	I. SIDE YARD
	X3	40 FEET	I. FRONT YARD
	YES	120 FEET	I, LOT MOTH
	ΥES	120 FEET	I. FRONTAGE
	S3.	40,000 S.F.	I. AREA
		OL	TRICT
NCE	CONFORMANCE	REQUIRED	W CERTIFICATION
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APPROVED AS SUBMITTED APPROVED WITH CONDITIONS APPROVED WITH REVISIONS GRAFTON PLANNING BOARD



TEL. (978) 537-5296 FAX. (978) 537-1423



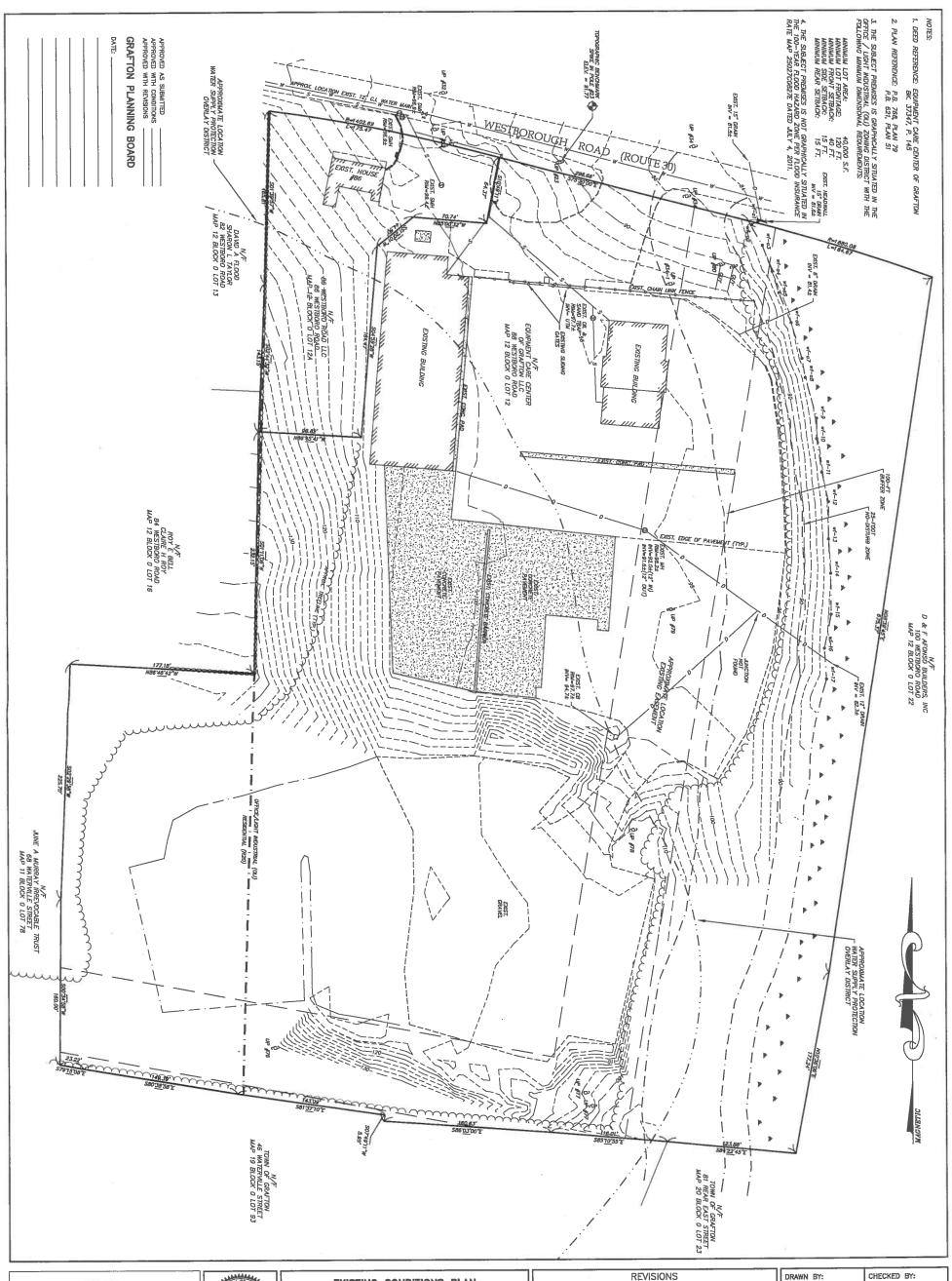
CONSTRUCTION NOTES EQUIPMENT CARE CENTER OF GRAFTON NORTH GRAFTON, MASSACHUSE

> R.P. MASIELLO, INC. 38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501

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1	PER REVIEW COMMENTS		05/31/16	BFM
NO.	DESCRIPTION	ON	DATE	BY

DRAWN BY:	CHECKED BY:
BFM	JER
DATE:	SCALE:
FEBRUARY 15, 2016	NONE
SHEET NUMBER:	JOB NUMBER:
1 OF 7	13619
COMPS:	PLAN NUMBER:
9839	4-L-952
PLAN REF(S): NONE	FIELD BOOK REF(S):







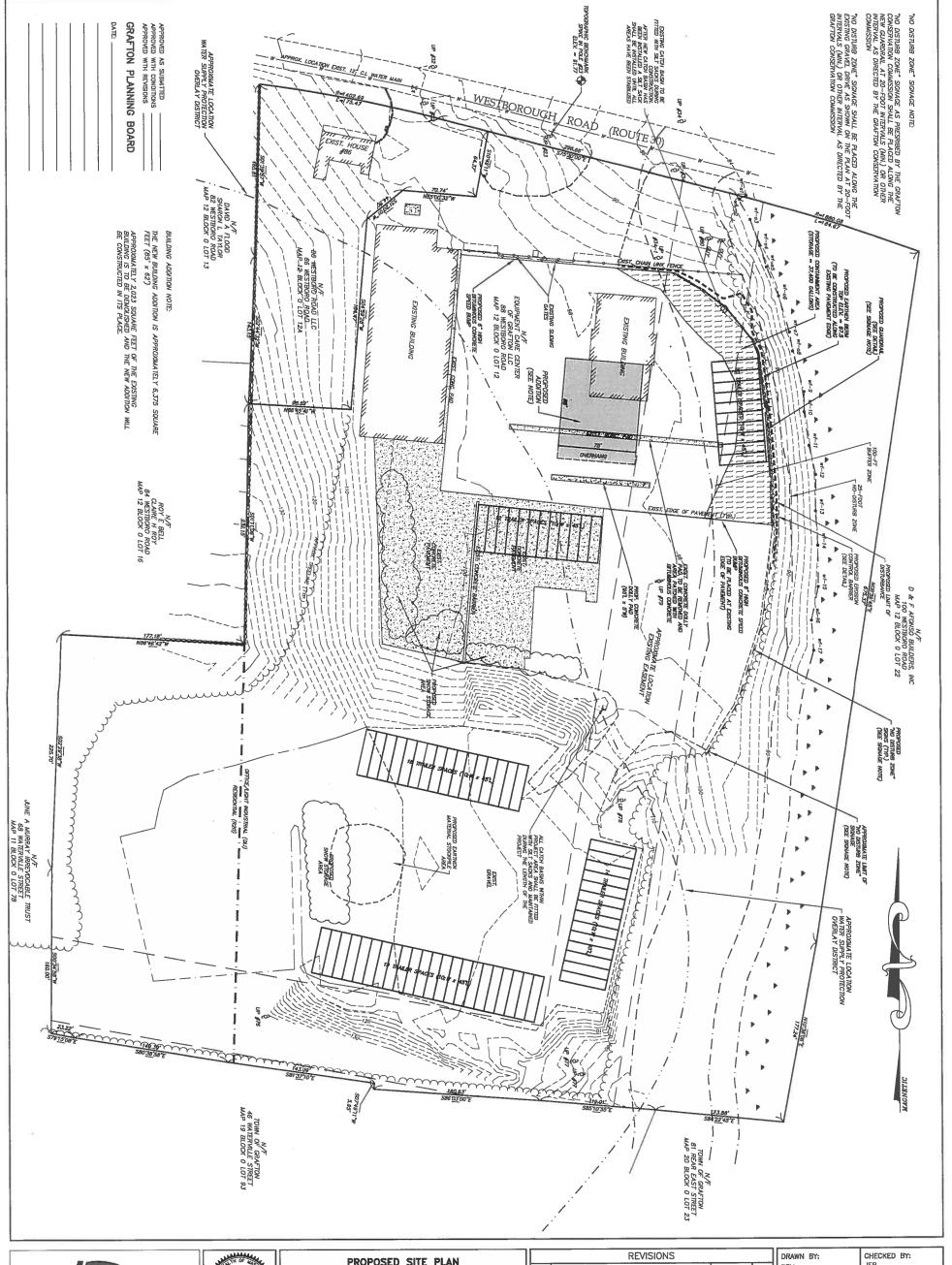
EXISTING CONDITIONS PLAN
FOR
EQUIPMENT CARE CENTER OF GRAFTON
NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR: R.P. MASIELLO, INC.

38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501

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1	PER REVIEW COMMENTS	05/31/16	BFM
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	DATE: FEBRUARY 15, 2016	SCALE: 1" = 40'
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	COMPS: 9839	PLAN NUMBER: 4-L-952
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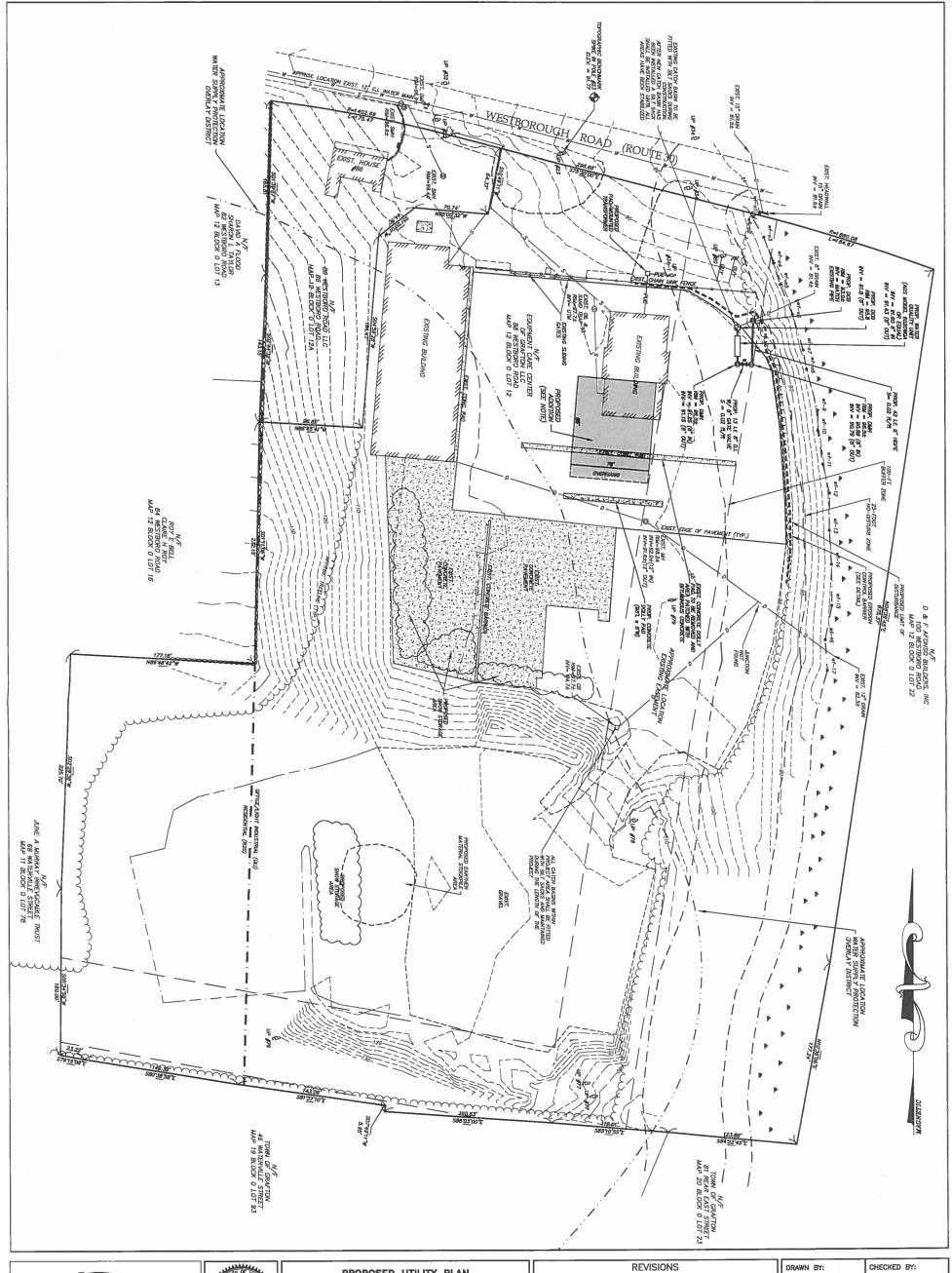
PROPOSED SITE PLAN FOR EQUIPMENT CARE CENTER OF GRAFTON NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR: R.P. MASIELLO, INC.

38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501			
BOYLSTON, MASSACHUSETTS	01505		
(508) 869-6501			

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	COMPS: 9839	PLAN NUMBER: 4-L-952
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ſ	NONE	





A S S O C I A T E S
REGISTERED ENGINEERS & LAND SURVEYORS
SID MECHANIC STREET
LEONINKTER, MARSACHURETTE DIAFS
TEL. (970) 555-564
FAC. (970) 555-1412



PROPOSED UTILITY PLAN FOR EQUIPMENT CARE CENTER OF GRAFTON IN NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR:
R.P. MASIELLO, INC.

38 MAIN STREET
BOYLSTON, MASSACHUSETTS 01505
(508) 869-6501

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	COMPS: 9839	PLAN NUMBER: 4-L-952
	PLAN REF(S): NONE	FIELD BOOK REF(S):

ENERAL EROSION CONTROL MOTES

THE SIT PLAN DEPOTS THE RECURRED SOM EROSCON CONTROL NELSURES. THE SITE NURCHARACTOR IS RESPONSIBLE FOR MANYAMINO THE CONSTRUCTION SITE IN SUCH A NAME THAN THE

3. LOAM AND SEED ALL DISTURBED AREAS AT THE EARLEST THE POSSIBLE USE WATER SEED PAITES AND SPECIFICATIONS IF APPROPRIATE A. SOIL EROSON IS KEPT TO A MINIALIA. B. NO SEDIMENT LEAKES THE CONSTRUCTION STE PROPERTY. C. ALL POSSIBLE MESURES ARE EMPLOYED TO PRETENT SEDIMENT FROM ENTERING DRAMAGE COURSES ENCY BEYOND THE DETAILS SHOWN ON THIS PLAN IF NECESSARY. THE SIE SUBCONTRACTOR IS RESPONSEILE FOR ALL SITATION RESILTING FROM TOOSIN OR SEDMENTATION FROM THE STET TO SURPOLINDING PROPERTIES OR WATER SDIES BURNING CONSTRUCTION AS A RESULT OF THIS PROJECT.

PROTECT AND STABLEE ALL AREAS NOT SCHEDUED FOR ERCSION, PREVISITION OR MEILZATION, BUT THAT SHOW SIGNS OF ERCSION, MOTIFY ENGNEET OF ANY THIFTUNT ERCSION PROBLEM. INSPECT SOIL EROSION MEASURES HERICLY AND AFTER SIGNIFICANT STORM EVENTS. WE ALL RECESSARY REPAIRS TO FACULTIES AS SOON AS POSSEILE BUT NO LOWEER. MY THID DAYS, CLEAN AND RESET SILT FENCES HHICH ACCUMULATE SEDIMENT AND HER DEBROS.

S. TEMPORMRUY SEED, MITHIN 7 DAYS, ANY AREA MHOY MILL BE LEFT UNUSTURBED YOR MORE THAN 14 DAYS MIT TEMPORARY SEED MIX PERMANENTLY SEED ANY AREA MICH CAN BE LOAMED AS SCON AS POSSIBLE MITH PERMANENT SEED MIX USTED SELOM, DO NOT USE PERMANENT SEED MIX AFTER SEPTEMBER 30. TEALUM WILT FENCE MANUFACTINERS'S SPECIPICATIONS AND RECOMMENDATIONS FOR TALLATION OF WILT FENCE. SCRUEE ENTIRE FORTOW OF FENCE BY BURTHNG BOTTOM FENCE IN A TRENON, RETER TO SLT FENCE DETAILS.

3, ANY STOCKYRES THAT ARE 10-FEET IN HEIGHT OR GREATER SHALL HAVE A SAFETY TENCE INSTALLED AROUND THE PERMIETER OF THE STOCKYPLE ALL SOL STOCKPILE AREAS SHALL BE PROTECTED FROM SILTATION MIGRATION BY ARROLMS STOCKPILES WITH EROSON CONTROL BARBERTS). SHOULD IT BE DETENINED MAY STOCKPILES WITH EROSON CONTROL BARBERTS). SHOULD IT BE DETENINED MAY SILTAN SID ATS ARBUMED TO AREA THAN SID ATS ARBUMED. TO ARBUMED TO ARBUMED TO ARBUMED STATE PROSON IS KEPT TO A MANMUM.

IF APPLICABLE, INSTALL CONSTRUCTION ENTRANCE (SEE DETAIL).

9. COMPLETE PERMANENT SEEDING. 7. ALL SHALES AND DITCHES WITH SLOPES EXCEEDING 5% SHALL BE TREATED WITH JUTE WATTING. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DAILY.

AN AREA SUALL BE CONSIDERD STABLE FORE OF THE FOLLOWING HAS OCCURRED:
A. BACE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE FAIND.
B. A. MANILLIN OF STOP BASK RECENTION GROWTH HAS BEEN ESTABLISHED.
C. A. MANILLIN OF STOP HOW-EFFICISTIC MATERIAL SUCH AS STONE OR RIPRAP
HAS BEEN ESTABLISHED.
D. EROSSON CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

EROSION CONTROL BARRIER DETAIL

EDGE OF FABRIC / SECURED IN 6° DEEP TRENCH

6" MINIMUM STAKE PENETRATION

METILAND SIDE

12. THE LENGTH OF TIME AN AREA CAN BE DISTURBED AND UNSTABILIZED IS 45 DAYS. 11. ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS OR MULCH.

I INSTALL PROPOSED STORM WATER DEVICES. 2. CONSTRUCT SILTATION BARRIER(S) AS DEPICTED ON THE SITE PLANS PLANS. S. THE SITE SUBCONTRACTOR SHALL MANITAIN SEDIMENTATION AND EROSION CONTROL. DEVICES THROUGHOUT THE PROJECT SITE FOR THE DURATION OF THE CONSTRUCTION. CONSTRUCT EARTHEN BERM.

6. ALL SLOPES STEEPER THAN 3:1 SHALL BE SEEDED AND MUCCHED WITHIN 72 HOURS OF THEIR COMPLETION.

FILTER FABR

FENCE POST STAK

1" REBAR FOR BAG -REMOVAL FROM INLET (REBAR NOT INCLUDED)

OPTIONAL OVERFLOW

FOAM

(REBAR NOT INCLUDED) SILTSACK —

REMOVE TEMPORARY CONTROL MEASURES ONCE EXPOSED AREAS ARE STABILIZED. I FERMANDIT EROSION AND SEDMENT FACUTIES ARE INSTITUTED AND ACCUMPLISH. IL CLEM UP.

ALL PROPOSED POST-DEVELORMENT KECKTATED AREAS, WHICH DO NOT EXHBITA ANNIHAM ALL RECENTED IN MOTORIA PROPOSED POST-DEVELOR SALLL NOT COCCURA DEVELORAÇÃO EXTRADED ATERA MOREMER ESTABLE DE MOTORIA DE RECENTA AND NETURA DE RECENTA AND NETURA DE RECENTA AND SETURA DE RECENTA AND NETURA DE RECENTA DE R

2. ALL DITUES OR PHALES MACH DO MOT EXHIBT A MANULU OF ELSE VECETAINE GROWTH DY MOISHERT IS, OR MAICH ARE OUTSTREED ATER MODIFICATE IS, SYALL ERE STABLICED WIT STONE OR BROSIÓN CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS. SEMERAL SEDING NOTES

1. USE PERMANENT SEED MIXES AND RATES BETHEEN \$,15 AND 9,730
2. USE TELHPORARY SEED MIXES FOR PERRODS LESS THAN 12 MONTHS. IF USING TELHPORARY SEED MIXES AND RATES BETHEEN LO701 AND MOTHER SEED MIXES AND RATES BETHEEN LOYD AND MOTHER SEED MIXES AND RATES BETHEEN LOYD AND MOTHER FOR SEED MIXES AND THE SHAULED BE DANNED AND MOTHER FOR SEED MIXES AND THE SEED MIXES AND THE PLANTS.

-STEVEN LARGEN THAN 4 MONES AND TRASH SHOULD BE REMOVED.

TEMPORARY SEED

ANNUAL RYE GRASS - 40 LBS/ACRE 4/01-5/14

ANNUAL RYE GRASS - 40 LBS/ACRE 5/15-8/14

SUDAWGRASS - 40 LBS/ACRE 5/15-8/14

ANNUAL RYE GRASS - 60 LBS/ACRE 5/15-9/14

ANNUAL RYE - 112 LBS/ACRE 10/01-3/51

(PROTECT W/MULCH COVER)

RAMENT SEED

- 20 LBS/ACRE
CREEPING RED FESCUE - 20 LBS/ACRE
BIRDSFOOT TREFON. - 8_LBS/ACRE
TOTAL - 48_LBS/ACRE

SIDE ELEVATION
SO MIN OR 4X CIRCUMFERENCE OF LIN
WHICHEVER IS GREATER

NATE BE CASHOLD STAND, STAND,

PAVEMENT L STONE - USE COMES ACCREME (2 - 3 NO.

2. LEWIN - AS FERENCE, BUT NOT LESS THAN IT ALL MOTH OF ALL MO

7, 12" X 24" KETAL GRATE MAY BE USID. GRATE SHALL BE 25" AWAY FROM PANEMENT AND MPROPRIATE SIDMENT CONTROL TRAPPING DENICE SHALL BE USID AT GRATE CUTLET POWN D PUBLIC RICHIS-OF-MAY MUST BE REMOND S USED TO THAP SEDMENT: ALL SEDMENT OWN STOME AS COMPINOS DEMAND AND OWN DEBLIC RICHIS-OF-MAY. THE MAY OWN DEMLAND M. A COMPINION MECH HILL E MANIAMED M. A COMPINION MECH HILL

PLAN VIEW

STABILIZED CONSTRUCTION ENTRANCE

WHITMAN & BINGHAM ASSOCIATES REGISTERED ENGINEERS & LAND SURVEYORS

5 IO MECHANIC STREET
LEOMINSTER, MASEACHUSETTS 01453
TEL, Ø 73) 537-5196
FAX Ø 78) 537-1423



NOTE: ALL CATCH BASINS WITHIN PROJECT AREA ARE TO RECEIVE SILT SACK PROTECTION DURING CONSTRUCTION PHASE OF THE PROJECT

SILT SACK DETAIL

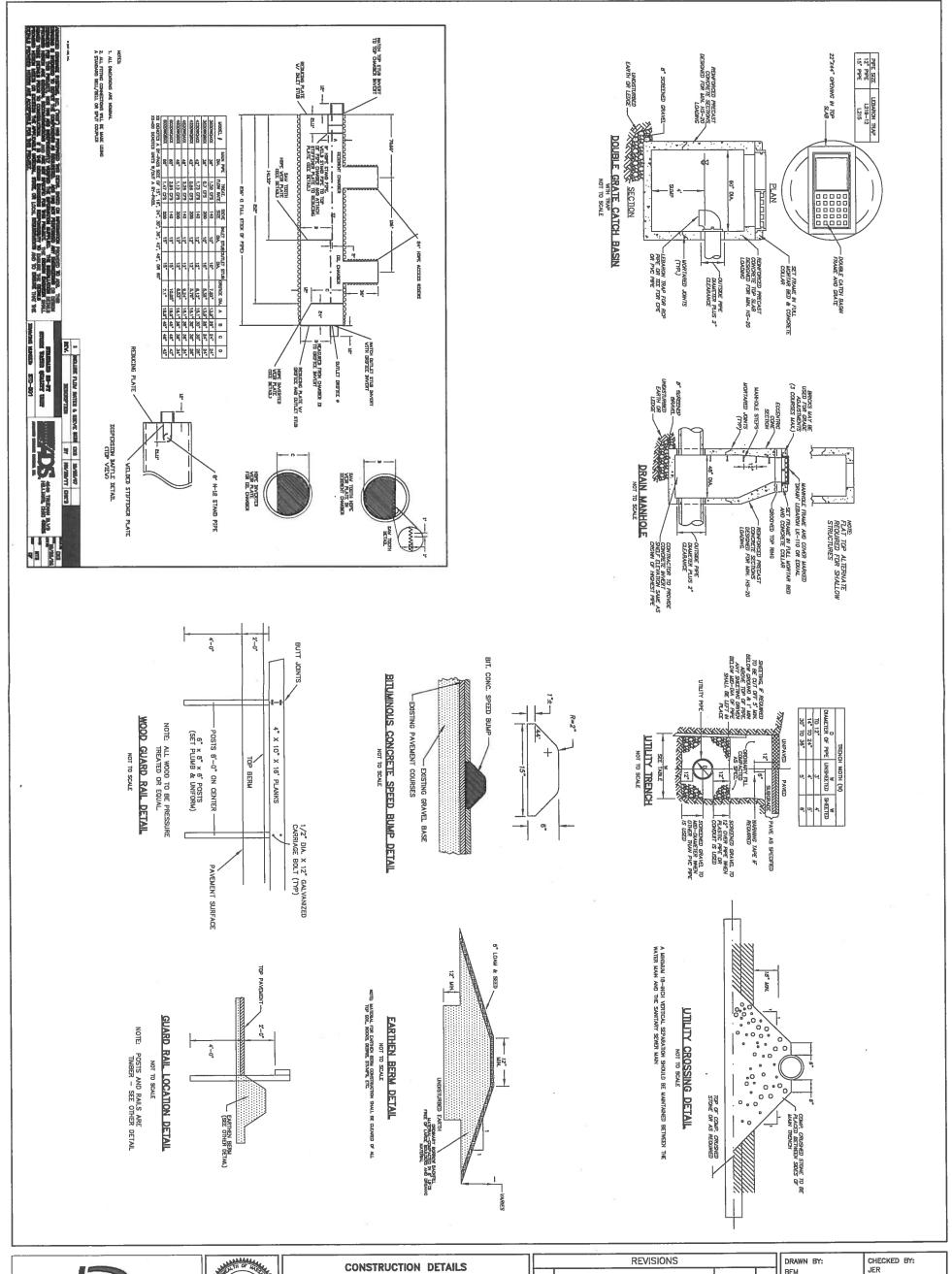
CONSTRUCTION DETAILS FOR EQUIPMENT CARE CENTER OF GRAFTON NORTH GRAFTON, MASSACHUSETTS

> PREPARED FOR: R.P. MASIELLO, INC.

38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501

	REVISIONS		
1	PER REVIEW COMMENTS	05/31/16	BFM
NO.	DESCRIPTION	DATE	BY

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DATE:	SCALE:	
FEBRUARY 15, 2016	AS SHOWN	
SHEET NUMBER:	JOB NUMBER:	
5 OF 7	13619	
COMPS:	PLAN NUMBER:	
9839	4-L-952	
PLAN REF(S): NONE	FIELD BOOK REF(S):	







CONSTRUCTION DETAILS				
FOR				
EQUIPMENT	CARE	CENTER	OF	GRAFTON
IN .				
NORTH GRAFTON, MASSACHUSETTS				

PREPARED FOR:
R.P. MASIELLO, INC.
38 MAIN STREET
BOYLSTON, MASSACHUSETIS 01505
(508) 869-6501

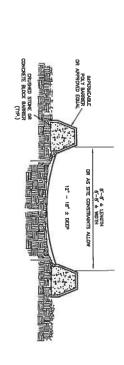
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1	COMPS: 9839	PLAN NUMBER: 4-L-952
4	PLAN REF(S):	FIELD BOOK REF(S):

NOT TO SCALE

CONCRETE WASHOUT IS ONLY ALLOWED WITD DESIGNATED AREA(S)
AFTER WASHOUT HAS HARDENED, WASHOUT SHALL BE BROKEN UP
AND DISPOSED OF PROPERLY

CONCRETE WASH-OUT AREA DETAIL



NOTE, NO STOOMENS OF MATERIALS ALLEGED WHICH THE TOO-FOOT BUTTER THE

F ACROSSAL MATERIAL STOOMEL AREA OF RECLIENT, CHARACTERS SHALL THILE

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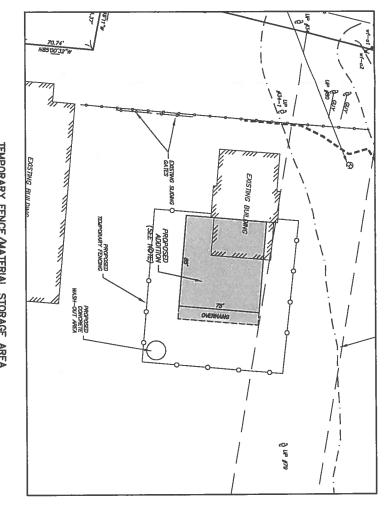
ALL STOOMEL MALEA OF MATERIALS ALLEGED

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ALL STOO

TEMPORARY FENCE/MATERIAL STORAGE AREA

NOTE SO STRONGLING OF MATERIAL ALLOCATION WITHOUT THAT THE SALE OF THE PROPERTY THAT IN THE SALE OF THE SALE



25-FT NO DISTURB ZONE

SDC OF WELLYNDS

PROPOSED EARTHEN BERM / GUARDRAIL PLACEMENT DETAIL

EXISTING EDGE OF PAVEMENT -





CONSTRUCTION DETAILS
FOR
EQUIPMENT CARE CENTER OF GRAFTON
IN NORTH GRAFTON, MASSACHUSETTS

PREPARED FOR: R.P. MASIELLO, INC.

38 MAIN STREET BOYLSTON, MASSACHUSETTS 01505 (508) 869-6501

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